


Name:	 UPES <small>UNIVERSITY OF TOMORROW</small>
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2024

Course: Energy Efficiency & Conservation

Semester: V

Program: BBA Green Energy & Sustainability

Time : 03 hrs.

Course Code: OGET3010P

Max. Marks: 100

Instructions:

SECTION A

10Qx2M=20Marks (Answer All Question)

S. No.	Question	Marks	CO
Q 1	What is the CBAM? Explain.	2	CO1
Q 2	What is Energy Intensity? Explain.	2	CO1
Q 3	What is ECBC, GHG and SEC?	2	CO1
Q 4	Explain ESCO.	2	CO1
Q 5	What is the PAT? Explain	2	CO1
Q 6	Name 4 equipment where Standard and Leveling have been done in India.	2	CO1
Q 7	Give full form of UNFCCC and NAPCC.	2	CO1
Q 8	Is separate Act for Energy Conservation require? Give reason.	2	CO1
Q 9	What is Sustainable Energy? Explain.	2	CO1
Q 10	Expand BEE, MNRE and CCC.	2	CO1

SECTION B

4Qx5M= 20 Marks

Q 1	Give 15 Energy Intensive Industries as per EC Act 2001.	5	CO2
Q 2	Explain roles of BEE as institutional mechanism for Energy Efficiency & Audit.	5	CO2
Q 3	Critical analyze Current Power Scenario in India with targets for 2030 with a purpose of reduction in GHG emission.	5	CO2
Q 4	Explain REC mechanism with latest Amendments.	5	CO2

SECTION-C
3Qx10M=30 Marks

Q 1	Explain main points of Energy Conservation Act 2001 with your critical analysis.	10	CO3
Q 2	Critically analyze and evaluate impact of future Carbon Trading after explaining it in brief.	10	CO3
Q 3	Critically analyze recent Amendments in the Energy Conservation Act in 2022 and its impact in India.	10	CO3

SECTION-D
2Qx15M= 30 Marks

Q1	Analyze the India ambitious growth plan for non-fossil fuel up to 2030 with suggestions for better implantation after explaining for reduction in GHG emission as per Paris Agreement.	15	CO4
Q 2	Why Energy Efficiency and Conservation is important for India? Critically evaluate its implementation in India till today. Give your suggestions for betterment.	15	CO4